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PATENT & TRADEMARK OFFICE

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lawrence E. Fosdick et al.

Application No. 10/685,125

Filed: October 13, 2003

Confirmation No. 4540

For: GLUCOSAMINE AND METHOD OF MAKING GLUCOSAMINE FROM MICROBIAL BIOMASS

Examiner: Shengjun Wang

Art Unit: 1617

Attorney Reference No. 6682-65310-01

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney or Agent for Applicant(s) Ted W. Baker

Ted W. Baker

Date Mailed August 30, 2005

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)(3)

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Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language and/or non-English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Xin et al., "Primary study on the production of chitosan by the method of culturing microorganism," FOOD SCIENCE, p. 22 (3 pp.), July 1997, is a non-English reference. Under 37 C.F.R. § 1.98(a)(3)(i), a concise explanation of its relevance is required. This reference allegedly discloses the production of chitosan by culturing various microorganisms, including filamentous fungi.

Copies of United States patents and United States published patent applications do not have to be provided to the Patent Office (37 C.F.R. 1.98(a)(2)(ii)). Copies of unpublished U.S.

applications do not have to be provided, as long as the application is available on PAIR, as this requirement of 37 C.F.R. § 1.98(a)(2)(iii) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on October 19, 2004 (1287 OG 163). Applicants will provide copies of such patents or applications upon request.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A **duplicate** copy of this IDS is enclosed.

The filing of this IDS shall not be construed to be an admission that the cited information is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	6682-65310-01
Application Number	10/685,125
Filing Date	October 13, 2003
First Named Inventor	Fosdick
Art Unit	1617
Examiner Name	Shengjun Wang

U.S. PATENT DOCUMENTS

Copies of U.S. patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		5,859,263	01/12/1999	Ghorpade et al.

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Eichner, "Antioxidative Effect of Maillard Reaction Intermediates," PROG. FD. NUTR. SCI., 5:441-451 (1981).
		Ghorpade et al., "Industrial Applications for Levulinic Acid," Industrial Agricultural Product Center, University of Nebraska (visited Oct. 8, 2003) <http://agproducts.unl.edu/levu.htm> 8 pp.
		Gomyo et al., "On the Interaction of Melanoidin with Metallic Ions," AGR. BIOL. CHEM., 40(1):33-40 (1976).

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket Number	6682-65310-01
	Application Number	10/685,125
	Filing Date	October 13, 2003
	First Named Inventor	Fosdick
	Art Unit	1617
	Examiner Name	Shengjun Wang

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		Huang et al., "Development and Validation of Oxygen Radical Absorbance Capacity Assay for Lipophilic Antioxidants Using Randomly Methylated β-Cyclodextrin as the Solubility Enhancer," J. AGRIC. FOOD CHEM., 7 pp. (2002).
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		Xin et al., "Primary study on the production of chitosan by the method of culturing microorganism," FOOD SCIENCE, p. 22 (3 pp.), July 1997 (and a partial English translation).
		Yen et al., "Antioxidant and Prooxidant Activity of Xylose-Lysine Maillard Reaction Products," The Maillard Reaction in Foods and Medicine, Ed. J. O'Brien et al., pp. 231-236 (1998).
		Yen et al., "Antioxidative Activity and Scavenging Effects on Active Oxygen of Xylose-Lysine Maillard Reaction Products," J. SCI. FOOD AGRIC., 67:415-420 (1995).
		"Glycoprotein Monosaccharide Analysis Using High-Performance Anion-Exchange Chromatography with Pulsed Amperometric Detection (HPAE-PAD), Dionex, Technical Note 40, 6 pp. (1998).

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